

ABSTRACT OF THE DISCLOSURE

An optical printing head of a side-printing device has an array of LED chips mounted on a substrate along a perpendicular direction to a conveying direction of a photosensitive material. The LED chips are driven in synchronism with the conveying movement of the photosensitive material, to print data of the photosensitive material as a latent image line by line on a side margin of the photosensitive material. Each LED chip corresponds to one pixel of the latent image, and is partitioned from each other by partitioning plates, for preventing interference between rays from adjacent LED chips. A diffusion plate is placed on the partitioning plates, to equalize luminance of rays from each LED chip.

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